# East Gulf Coastal Plain (EGCP) - Terrestrial Habitats

Habitat Viability	Size	Condition	Landscape Context	Viability Rank
	Grade	Grade	Grade	Rank
Eastern Longleaf Pine Savannah	Fair	Fair	Fair	Fair
Eastern Upland Longleaf Pine Forest	Fair	Fair	Fair	Fair
Slash Pine-Pondcypress-Hardwood Forest	Fair	Fair	Fair	Fair
Spruce Pine-Hardwood Flatwood	Poor	Fair	Fair	Fair
Live Oak-Pine-Magnolia Forest	Fair	Fair	Fair	Fair
Eastern Hillside Seepage Bog	Poor	Poor	Poor	Poor
Bayhead Swamp/Forested Seep	Fair	Fair	Poor	Fair
Shortleaf Pine/Oak-Hickory Forest	Poor	Poor	Poor	Poor
Small Stream Forest	Good	Fair	Fair	Fair
Mixed Hardwood-Loblolly Pine/Hardwood Slope Forest	Poor	Fair	Poor	Poor
Cypress-Tupelo-Blackgum Swamps	Good	Good	Good	Good
Bottomland Hardwood Forest	Good	Good	Fair	Good

**EGCP - Bayhead Swamp/Forested Seep** 

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Threats	Severity	Scope	Stress
Altered composition/structure	High	Very High	High
Altered water quality	High	Medium	Medium
Sedimentation	High	Low	Low
Habitat destruction or conversion	Very High	High	High
Habitat disturbance	High	Very High	High
Habitat fragmentation	High	Very High	High
Modification of water levels; changes in natural flow patterns	High	High	High

Sources of Threat		Alter compo struct	sition		Altered water quality		Sedimentation		Habitat destruction or conversion		tat ance	Habitat fragmentation		Modification of water levels; changes in natural flow patterns		Threat to System Rank
		Hig	gh	Medium		Lov	V	Hig	High		<sub>l</sub> h	Н	ligh	High		Rank
Conversion to agriculture or other	Contribution					Low		High				High				
Conversion to agriculture or other forest types	Irreversibility		-		-	Medium	-	High	High		-	High	High		-	High
lorest types	Source	-		-		Low		High		-		High		-		
Development of pipelines, roads	Contribution					Medium		Low		Medium		Low		Medium		
or utilities	Irreversibility		-		-	Medium	Low	Very High	Medium	High	Medium	High	Medium	High	Medium	Medium
or dunities	Source	-		-		Medium		Medium		Medium		Medium		Medium		
	Contribution	High		Low		High				Very High				Medium		
Incompatible forestry practices	Irreversibility	Medium	Medium	Medium	Low	Medium	Low		-	Medium	High		-	Medium	Medium	High
	Source	Medium		Low		Medium		-		High		-		Medium		
	Contribution	Medium								Medium						
Invasive/alien species	Irreversibility	High	Medium		-		-		-	High	Medium		-		-	Medium
	Source	Medium		-		-		-		Medium		-		-		
	Contribution					Medium		Medium		Medium		High				
Residential development	Irreversibility		-		-	Low	-	Very High	High	Medium	Medium	Very High	High		-	High
	Source	-		-		Low		High		Medium		High		-		
Channelization of rivers or	Contribution	High				High		Medium		Medium				Very High		
streams	Irreversibility	High	High		-	High	Low	High	Medium	High	Medium		-	High	High	High
Streams	Source	High		-		High		Medium		Medium		-		Very High		
Construction of ditches, drainage	Contribution	High				High		Low		Medium				High		
or diversion systems	Irreversibility	Medium	Medium		-	Medium	Low	Medium	Low	Medium	Medium		-	Medium	Medium	Medium
or arronding systems	Source	Medium		-		Medium		Low		Medium		-		Medium		
	Contribution	Low							1							
Fire suppression	Irreversibility	Medium	Low		-		-		-		-		-		-	Low
	Source	Low		-		-		-		-		-		-		

#### **EGCP - Bottomland Hardwood Forest**

Threats	Severity	Scope	Stress
Altered composition/structure	High	Very High	High
Modification of water levels; changes in natural flow patterns	High	High	High
Habitat destruction or conversion	Very High	Medium	Medium
Habitat disturbance	Medium	High	Medium
Habitat fragmentation	Medium	High	Medium

Sources of Threat		comp	ered osition cture	levels; cha	Modification of water levels; changes in natural flow patterns		Habitat destruction or conversion		t ice	Habitat fragmentation		Threat to System
		Hi	High		High		Medium		m	Medium		Rank
	Contribution			Medium								
Channelization of rivers or streams	Irreversibility		-	High	Medium		-		-		-	Medium
	Source	-		Medium		-		-		-		
Construction of ditches, drainage or diversion	Contribution	Medium		High								
systems	Irreversibility	Medium	Medium	Medium	Medium		-		-		-	Medium
oyotomo	Source	Medium		Medium		-		-		-		
	Contribution			Medium		Medium		Medium		Medium		
Development of pipelines, roads or utilities	Irreversibility		-	High	Medium	Very High	Medium	High	Low	High	Low	Medium
	Source	-		Medium		High		Medium		Medium		
	Contribution	Medium		Very High								
Operation of dams or reservoirs	Irreversibility	High	Medium	High	High		-		-		-	High
	Source	Medium		Very High		-		-		-		
	Contribution	High						Medium				
Incompatible forestry practices	Irreversibility		Medium		-		-	Medium	Low		-	Medium
	Source	Medium		-		-		Medium		-		
	Contribution	High										
Invasive/alien species	Irreversibility	0	High		-		-		-		-	High
	Source	High		-		-		-		-		
	Contribution				1	Very High			_	Very High		
Conversion to agriculture or other forest types	Irreversibility		-		-	High	Medium		-	High	Medium	Medium
	Source	-		-		Very High		-		Very High		
Destinated development	Contribution				-	Medium	NA . I'm an	Medium		Medium	NA - C	NA - Comme
Residential development	Irreversibility		-		-	Very High	Medium	High	Low	Very High	Medium	Medium
	Source	-		-		High		Medium		High		

**EGCP - Cypress-Tupelo-Blackgum Swamp** 

Threats	Severity	Scope	Stress
Altered composition/structure	High	High	High
Sedimentation	High	Medium	Medium
Habitat destruction or conversion	Very High	Medium	Medium
Habitat disturbance	Medium	Medium	Medium
Habitat fragmentation	Medium	Low	Low
Modification of water levels; changes in natural flow patterns	High	High	High

Sources of		Alte compe strue	osition	Sedimenta	tion	Habitat desi convei		Habita disturbar		Habita fragmenta		Modification levels; change flow pa	es in natural	System
Threat		Hi	gh	Medium		Med	Medium		ım	Low	,	High		Rank
Channelization of rivers	Contribution			Medium								Medium		
or streams	Irreversibility		-	High	Low		-		-		-	High	Medium	Medium
or on our our	Source	-		Medium		-		-		-		Medium		
Construction of ditches,	Contribution	Medium		Medium								Medium		
drainage or diversion systems	Irreversibility	Medium	Medium	Medium	Low		-		-		-	Medium	Medium	Medium
	Source	Medium		Medium		-		-		-		Medium		
Development of pipelines, roads	Contribution			Low		Medium		Medium		Medium		Medium		
or utilities	Irreversibility		-	Medium	Low	Very High	Medium	High	Low	High	Low	High	Medium	Medium
e. a.m.ee	Source	-		Low		High		Medium		Medium		Medium		
	Contribution	Medium		Medium								Very High		
Operation of dams or reservoirs	Irreversibility	High	Medium	High	Low		-		-		-	High	High	High
	Source	Medium		Medium		-		-		-		Very High		
	Contribution	High		Low				Medium						
Incompatible forestry practices	Irreversibility	Medium	Medium	Medium	Low		-	Medium	Low		-		-	Medium
	Source	Medium		Low		-		Medium		-		-		
	Contribution	Medium												
Invasive/alien species	Irreversibility	High	Medium		-		-		-		-		_	Medium
	Source	Medium		-		-		-		-		-		

## **EGCP - Eastern Hillside Seepage Bog**

Threats	Severity	Scope	Stress
Altered composition/structure	High	Very High	High
Habitat destruction or conversion	Very High	Very High	Very High
Habitat disturbance	High	Very High	High
Modification of water levels; changes in natural flow patterns	Very High	Medium	Medium

Sources of Threat		compos	Altered composition structure		struction or ersion		oitat bance	Modification of water levels; changes in natural flow patterns		Threat to System
		High		Very High		Hi	igh	Medi	Rank	
	Contribution			Very High						
Conversion to agriculture or other forest types	Irreversibility		-	High	Very High		-		-	Very High
	Source	-		Very High		-		-		
	Contribution	Very High								
Fire suppression	Irreversibility	Medium	High		-		-		-	High
	Source	High		-		-		-		
	Contribution	Medium				High		Low		
Incompatible forestry practices	Irreversibility	Medium	Medium		-	Medium	Medium	Medium	Low	Medium
	Source	Medium		-		Medium		Low		
	Contribution	Medium								
Invasive/alien species	Irreversibility	High	Medium		-		-		-	Medium
	Source	Medium		-		-		-		
	Contribution			Medium		Low				
Residental development	Irreversibility		-	Very High	Very High	High	Medium		-	Very High
	Source	-		High		Medium		-		
	Contribution					Low				
Development of pipelines, roads or utilities	Irreversibility		-		-	High	Medium		-	Medium
	Source	-		-		Medium		-		
Construction of ditches, drainage or diversion	Contribution	Low				Low		Very High		
systems	Irreversibility	Medium	Low		-	Medium	Low	Medium	Medium	Medium
5,5155	Source	Low		-		Low		High		

**EGCP - Eastern Longleaf Pine Savannah** 

Threats	Severity	Scope	Threat
Altered composition/structure	High	Very High	High
Habitat destruction or conversion	Very High	Very High	Very High
Habitat disturbance	High	Very High	High
Modification of water levels; changes in natural flow patterns	High	Medium	Medium
Habitat fragmentation	High	Very High	High

Sources of Threat		Altere compos structi	ition ure	Habitat de: conve	ersion	Hat distur	bance	Modificatior levels; cha natural flow	anges in / patterns	fragmen	tation	Threat to System Rank
		Hig	<u>h</u>		High	Hi	gh	Medi	ium	Hig	h	
Conversion to agriculture or other forest	Contribution			Medium						Medium		
types	Irreversibility		-	High	High		-		-	High	High	High
types	Source	-		Medium		-		-		High		
	Contribution	Very High										
Fire suppression	Irreversibility	Medium	High		-		-		-		-	High
	Source	High		-		-		-		-		
	Contribution	Medium				High		Low				
Incompatible forestry practices	Irreversibility	Medium	Medium		-	Medium	Medium	Medium	Low		-	Medium
	Source	Medium		-		Medium		Low		-		
	Contribution	Medium										
Invasive/alien species	Irreversibility	High	Medium		-		-		-		-	Medium
	Source	Medium		-		-		-		-		
	Contribution			Very High		Medium				Very High		
Residental development	Irreversibility		-	Very High	Very High	Medium	Medium		-	Very High	High	Very High
	Source	-		Very High		Medium		-		Very High		
Development of pipelines, roads or	Contribution			Medium		Low				Medium		
utilities	Irreversibility		-	Very High	Very High	Medium	Low		-	High	Medium	Very High
dimico	Source	-		High		Low		-		Medium		
Construction of ditches, drainage or	Contribution	Low		Low		Low		Very High				
diversion systems	Irreversibility	High	Medium	High	High	Medium	Low	High	Medium		-	High
divortion systems	Source	Medium		Medium		Low		Very High		-		
	Contribution			High						Low		
Commercial/industrial development	Irreversibility		-	Very High	Very High		-		-	Very High	Medium	Very High
	Source	-		High		-		-		Medium		

# **EGCP - Eastern Upland Longleaf Pine Forest**

Threats	Severity	Scope	Stress
Altered composition/structure	High	Very High	High
Habitat fragmentation	High	Very High	High
Habitat disturbance	Medium	Medium	Medium
Habitat destruction or conversion	Very High	Very High	Very High

Sources of Threat	Sources of Threat		Altered composition structure		Habitat fragmentation		t ice	Habitat des conve		Threat to System	
		High		High		Medium		Very	High	Rank	
Operation to a surfacellance on all an format	Contribution			Very High				Very High			
Conversion to agriculture or other forest types	Irreversibility		-	High	High		-	High	Very High	Very High	
турсз	Source	-		Very High		-		Very High			
	Contribution	Very High									
Fire suppression	Irreversibility	Medium	High		-		-		-	High	
	Source	High		-		1		-			
	Contribution	Medium				High					
Incompatible forestry practices	Irreversibility	Medium	Medium		-	Medium	Low		-	Medium	
	Source	Medium		-		Medium		-			
	Contribution	Medium							]		
Invasive/alien species	Irreversibility	High	Medium		-		-		-	Medium	
	Source	Medium		-		-		-			
	Contribution			High		Medium		High			
Residental development	Irreversibility		-	Very High	High	Medium	Low	Very High	Very High	Very High	
	Source	-		High		Medium		High			
Development of pipelines, roads or	Contribution			Low		Low		Medium			
utilities	Irreversibility		-	High	Medium	Medium	Low	Very High	Very High	Very High	
	Source	-		Medium		Low		High			
	Contribution							Medium			
Commercial/industrial development	Irreversibility		-		-		-	Very High	Very High	Very High	
	Source	-		-		-		High			

#### **EGCP - Live Oak-Pine-Magnolia Forest**

Threats	Severity	Scope	Stress
Altered composition/structure	Very High	Very High	Very High
Habitat fragmentation	High	Very High	High
Habitat destruction or conversion	Very High	Very High	Very High
Habitat disturbance	High	Very High	High

Sources of Threat		Altered composition structure Very High		Habitat fragmentation		Habitat destruction or conversion		Habitat disturbance		Threat to System
				High		Very High		High		Rank
	Contribution			Very High		Very High				
Conversion to agriculture or other forest types	Irreversibility		-	High	High	High	Very High		-	Very High
1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Source	ı		Very High		Very High		ı		
	Contribution	Low						Low		
Incompatible forestry practices	Irreversibility	Medium	Medium		-		-	Medium	Low	Medium
	Source	Low		-		-		Low		
	Contribution	High						High		
Invasive/alien species	Irreversibility	High	Very High		-		-	High	High	Very High
	Source	High		-		-		High		
	Contribution			Very High		Very High		Medium		
Residental development	Irreversibility		-	Very High	High	Very High	Very High	Medium	Medium	Very High
,	Source	ı		Very High		Very High		Medium		
	Contribution			Low		Medium		Low		
evelopment of pipelines, roads or litities	Irreversibility		-	High	Medium	Very High	Very High	Medium	Low	Very High
	Source	-		Medium		High		Low		

# **EGCP - Mixed Hardwood-Loblolly Pine/Hardwood Slope Forests**

Threats	Severity	Scope	Stress
Altered composition/structure	High	Very High	High
Habitat fragmentation	High	Very High	High
Habitat destruction or conversion	Very High	Very High	Very High
Habitat disturbance	High	Very High	High

Sources of Threat		Altered composition structure			Habitat fragmentation		struction or ersion		oitat bance	Threat to System
		High		High		Very	High	Hi	Rank	
	Contribution			Very High		Very High				
Conversion to agriculture or other forest types	Irreversibility		-	High	High	High	Very High		-	Very High
	Source	=		Very High		Very High		-		
	Contribution			Medium				Medium		
Development of pipelines, roads or utilities	Irreversibility		-	High	Medium		-	High	Medium	Medium
uninos	Source	-		Medium		-		Medium		
	Contribution	High		Medium				Medium		
Incompatible forestry practices	Irreversibility	Medium	Medium	Medium	Medium		-	Medium	Medium	Medium
	Source	Medium		Medium		_		Medium		
	Contribution	High								
Invasive/alien species	Irreversibility	High	High		-		-		-	High
	Source	High		-		-		-		
	Contribution			High		High		Medium		
Residential development	Irreversibility		-	Medium	Medium	Very High	Very High	Medium	Medium	Very High
	Source	-		Medium		High		Medium		

#### **EGCP - Spruce Pine-Hardwood Flatwood**

Threats	Severity	Scope	Stress
Altered composition/structure	High	Very High	High
Modification of water levels; changes in natural flow patterns	High	Medium	Medium
Habitat destruction or conversion	Very High	Very High	Very High
Habitat disturbance	Medium	Medium	Medium
Habitat fragmentation	High	Very High	High

Sources of Threats		Altered composition structure		Modification of water levels; changes in natural flow patterns		Habitat destruction or conversion		Habitat disturbance		Habi fragmen		Threat to System Rank
		High		Medium		Very High		Medium		High		Nalik
Conversion to agriculture or other forest	Contribution					High				High		
types	Irreversibility		-		-	High	Very High		-	High	High	Very High
1,7,500	Source	-		-		High		-		High		
	Contribution	Very High		Low				High				
Incompatible forestry practices	Irreversibility	Medium	High	Medium	Low		-	Medium	Low		-	High
	Source	High		Low		-		Medium		-		
	Contribution	High										
Invasive/alien species	Irreversibility	High	High		-		-		-		-	High
	Source	High		-		-		-		-		
	Contribution					Very High		Medium		Very High		
Residental development	Irreversibility		-		-	Very High	Very High	Medium	Low	Very High	High	Very High
	Source	-		-		Very High		Medium		Very High		
	Contribution					Medium		Low		Low		
Development of pipelines, roads or utilities	Irreversibility		-		-	Very High	Very High	Medium	Low	High	Medium	Very High
	Source	-		-		High		Low		Medium		
Construction of ditches, drainage or	Contribution	Medium		Very High				Low				
diversion systems	Irreversibility	Medium	Medium	Medium	Medium		-	Medium	Low		-	Medium
divoloidi dyotoillo	Source	Medium		High		-		Low		-		
	Contribution					Low						
Commercial/industrial development	Irreversibility		-		-	Very High	High		] -		_	High
	Source	-		-		Medium		-		-		

## **EGCP - Shortleaf Pine/Oak-Hickory Forest**

Threats	Severity	Scope	Stress
Altered composition/structure	High	Very High	High
Habitat fragmentation	High	Very High	High
Habitat destruction or conversion	Very High	Very High	Very High
Habitat disturbance	High	Very High	High

Sources of Threat		Altered composition structure		Habitat fragmentation			destruction or onversion	Habita disturba		Threat to System
		I	High	Hig	gh	Ve	ery High	Higl	ำ	Rank
	Contribution			Very High		Very High				,
Conversion to agriculture or other forest types	Irreversibility		-	High	High	High	Very High		-	Very High
71	Source	-		Very High		Very High		-		J
	Contribution			Medium		Low		Medium		
Development of pipelines, roads or utilities	Irreversibility		-	High	Medium	Very High	High	High	Medium	High
	Source	ı		Medium		Medium		Medium		
	Contribution	High						Very High		
Incompatible forestry practices	Irreversibility	Medium	Medium		-		-	Medium	High	High
	Source	Medium		-		-		High		
	Contribution	High								
Invasive/alien species	Irreversibility	High	High		-		-		-	High
	Source	High		-		-		-		
	Contribution			Medium		High		High		.,
Residential development	Irreversibility		-	Very High	High	Very High	Very High	Medium	Medium	Very High
	Source	-		High		High		Medium		
	Contribution	High								
Fire suppression	Irreversibility	Medium	Medium		-		-		-	Medium
	Source	Medium		-		-		-		

#### **EGCP - Slash Pine-Pondcypress-Hardwood Forest**

Threats	Severity	Scope	Stress
Altered composition/structure	High	Very High	High
Modification of water levels; changes in natural flow patterns	Medium	Medium	Medium
Habitat destruction or conversion	Very High	Very High	Very High
Habitat disturbance	High	Very High	High
Habitat fragmentation	High	Very High	High

Sources of Threat		Alte compo struc		Modification levels; chan natural flov	anges in	Habitat destruction or conversion			oitat bance	Habi fragmer		Threat to System
		High		Medium		Very High		High		Hig	gh	Rank
Conversion to agriculture or other forest types	Contribution Irreversibility Source	-	-	_	-	High High High	Very High		-	High High High	High	Very High
Incompatible forestry practices	Contribution Irreversibility Source	High Medium Medium	Medium	Low Medium Low	Low	-	-	High Medium Medium	Medium	-	-	Medium
Invasive/alien species	Contribution Irreversibility Source	Medium High Medium	Medium	-	-	-	-	-	-	-	-	Medium
Residental development	Contribution Irreversibility Source	1	-	-	-	Medium Very High High	Very High	Medium Medium Medium		High Very High High	High	Very High
Development of pipelines, roads or utilities	Contribution Irreversibility Source	-	-	-	-	Low Very High Medium	High	Low Medium Low	Low	Low High Medium	Medium	High
Construction of ditches, drainage or diversion systems	Contribution Irreversibility Source	Low High Medium	Medium	Very High Medium High	Medium	-	-	Low Medium Low	Low	-	-	Medium
Commercial/industrial development	Contribution Irreversibility Source	-	-	-	-	Low Very High Medium	High	-	-	-	-	High
Fire suppression	Contribution Irreversibility Source	Medium Medium Medium	Medium	-	-	-	-	-	-	-	-	Medium

#### **EGCP - Small Stream Forest**

Threats	Severity	Scope	Stress
Altered composition/structure	High	Very High	High
Altered water quality	Medium	Medium	Medium
Sedimentation	Medium	Medium	Medium
Habitat destruction or conversion	Very High	High	High
Habitat disturbance	High	Very High	High
Habitat fragmentation	High	Very High	High
Modification of water levels; changes in natural flow patterns	High	High	High

Sources of Threat		Altered composition structure		Altered water quality		Sedimentation		Habitat destruction or conversion		Habitat disturbance		Habitat fragmentation		Modification of water levels; changes in natural flow patterns		Threat to System Rank
				Medium		Medium		High		High		High		High		Rank
Channelization of rivers or streams	Contribution	Medium	High Medium			High	High Medium	Medium		Medium				Very High High	High	High
	Irreversibility	High			-	High		High	Medium	High	Medium		-			
	Source	Medium		-		High		Medium		Medium		-		Very High		
Development of pipelines, roads or utilities	Contribution					Medium	Low	Low		Medium		Low				
	Irreversibility		-		-	Medium		Very High	Medium	High	Medium	High	Medium		-	Medium
	Source	-		-		Medium		Medium		Medium		Medium		-		
Incompatible forestry practices	Contribution	High		Low		Low	Low			High	Medium					Medium
	Irreversibility	Medium	Medium	Medium	Low	Medium			-	Medium			-		-	
	Source	Medium		Low		Low		-		Medium		-		-		
Gravel mining	Contribution		-	Very High		Very High	Medium	Very High			-		-		-	High
	Irreversibility			Very High	Medium	Very High		Very High	High							
	Source			Very High		Very High		Very High		-				-		
Livestock production practices	Contribution	Medium	Medium	High					-		- [		_			
	Irreversibility	Medium		Medium	Low		-								- N	Medium
	Source	Medium		Medium		-		-		-		-		-		
Residential development	Contribution		-		<u> </u>	Medium	Low	Medium		Medium	Medium	Medium	High			
	Irreversibility					Low		Very High	High	Medium		Very High			-	High
	Source	-		-		Low		High		Medium		High		-		
Commercial/industrial development	Contribution		-		_	Medium	Low	Medium				- Low Very High			-	High
	Irreversibility					Low		Very High	High		-		Medium			
	Source			-		Low		High		-		Medium		-		
Invasive/alien species	Contribution	High	High							Medium	Medium					
	Irreversibility	High			-		-		- <u>                                  </u>	High		-		-	High	
	Source	High		-		-		-		Medium		-	1	-		

#### APPENDIX J. Example of Threats Assessment – EGCP

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